



Ceramic fibre packing

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| Article description: | K271 |
| Article forms: | Round or square With and without any additionally preparations |
| Preparations: | Graphite impregnation |
| Materials: | Ceramic staple fibre, chrome wire or glass fibre reinforced Contain up to 20% of viscose fibres (organic) |

Thermal properties:

Ceramic fibre, chrome wire reinforced *

- Max. continuous temperature 1100 °C
- Short-term 1200 °C possible

Ceramic fibre, glass fibre reinforced *

- Max. continuous temperature 550 °C
- Short-term 650 °C possible

Ceramic fibre with graphite coating

- Max. continuous temperature 550 °C
- Short-term 650 °C possible

* Observe mass loss at different decomposition temperatures of the carrier materials (chrome wire and glass fibre)

- The contained viscose fibres decompose above a temperature of about 200 °C
- The graphite impregnation begins to decompose above a temperature of about 450 °C

Chemical properties:

- Resistant to fats, oils, liquid metals as well as acids and weak alkalis
- Not resistant to hydrofluoric acid (HF) and phosphoric acid (H₃PO₄)

Applications:

For static applications e.g. for furnace, boiler and chimney doors, inspection hatches, tunnel kiln cars and as a seal for heat exchangers.

Application limits: Max. application limits see point thermal properties

Dimensions: 5 - 50 mm edge length quadratic or rectangular (tolerance +/- 10 %)
→ Larger size on request
Ø 5 - 50 mm (tolerance +/- 10 %)